

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 15:40:43 ON 15 MAY 2007
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STRUCTURE FILE UPDATES: 14 MAY 2007 HIGHEST RN 934733-40-1
 DICTIONARY FILE UPDATES: 14 MAY 2007 HIGHEST RN 934733-40-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

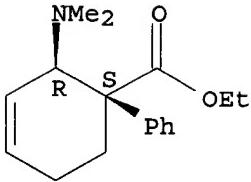
<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s tilidine/cn
 L1 1 TILIDINE/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 51931-66-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
 (1R,2S)-rel- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
 trans-
 OTHER NAMES:
 CN dl-trans-Tilidine
 CN Ethyl trans-2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate
 CN Tilidine
 CN trans-Tilidine
 FS STEREOSEARCH
 DR 20380-58-9, 23726-88-7, 30735-49-0
 MF C17 H23 N O2
 CI COM
 LC STN Files: ADISNEWS, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS,
 CASREACT, CBNB, CHEMLIST, CIN, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT,
 IFIUDB, IPA, MEDLINE, MRCK*, PROMT, PS, RTECS*, SCISEARCH, SPECINFO,
 TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

232 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 232 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 7.80 | 8.01 |

FILE 'CAPLUS' ENTERED AT 15:41:53 ON 15 MAY 2007
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FILE COVERS 1907 - 15 May 2007 VOL 146 ISS 21
 FILE LAST UPDATED: 14 May 2007 (20070514/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> file caplus
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 0.47 | 8.48 |

FILE 'CAPLUS' ENTERED AT 15:42:23 ON 15 MAY 2007
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 COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

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of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 15 May 2007 VOL 146 ISS 21
FILE LAST UPDATED: 14 May 2007 (20070514/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 51931-66-9/prep
232 51931-66-9
4402554 PREP/RL
L2 13 51931-66-9/PREP
(51931-66-9 (L) PREP/RL)

=> s 51931-66-9/pur
232 51931-66-9
255307 PUR/RL
L3 1 51931-66-9/PUR
(51931-66-9 (L) PUR/RL)

=> s 51931-66-9/proc
232 51931-66-9
4100400 PROC/RL
L4 21 51931-66-9/PROC
(51931-66-9 (L) PROC/RL)

=> d 13 ibib abs hitstr

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1972:126471 CAPLUS
DOCUMENT NUMBER: 76:126471
TITLE: Separating 3-trans-2(dimethylamino)-4-phenyl-4-trans-carbethoxy- Δ 1-cyclohexene from a mixture
INVENTOR(S): Strotzer, Erich
PATENT ASSIGNEE(S): Goedecke A.-G.
SOURCE: Ger., 3 pp. Addn. to Ger. 1,518,959 (See Brit. 1,120,186, CA 69;96062v).
CODEN: GWXXAW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| DE 1768704 | A | 19711111 | DE 1967-1768704 | 19680621 |
| US 3557127 | A | 19710119 | US 1969-813268 | 19690403 |
| GB 1216152 | A | 19701216 | GB 1969-1216152 | 19690506 |
| BE 732713 | A | 19691110 | BE 1969-732713 | 19690508 |
| NL 6907094 | A | 19691111 | NL 1969-7094 | 19690508 |
| SE 360070 | B | 19730917 | SE 1969-6552 | 19690508 |
| JP 50011907 | B | 19750507 | JP 1969-35463 | 19690508 |
| CA 935160 | A1 | 19731009 | CA 1970-87006 | 19700630 |
| NO 127004 | B | 19730424 | NO 1970-4056 | 19701026 |
| DK 7503603 | A | 19750808 | DK 1975-3603 | 19750808 |
| DK 141623 | B | 19800512 | | |
| DK 141623 | C | 19801013 | | |
| PRIORITY APPLN. INFO.: | | | DE 1965-1518959 | A 19651119 |
| | | | DE 1966-1618476 | A 19670608 |
| | | | DE 1966-1618482 | A 19670623 |
| | | | US 1968-727689 | A 19680508 |

| | | | |
|----|--------------|---|----------|
| DE | 1967-1768704 | A | 19680621 |
| DE | 1967-1768895 | A | 19680711 |
| US | 1968-777197 | A | 19681119 |
| US | 1968-777202 | A | 19681119 |
| DE | 1969-1907909 | A | 19690217 |
| DE | 1969-1907910 | A | 19690217 |
| DE | 1969-1907911 | A | 19690217 |
| DK | 1969-2491 | A | 19690507 |

AB The title compound (I) was isolated from the reaction mixture obtained by treating Me₂NCH:CHCH:CH₂ with H₂C:CPhCO₂Et as its double salt with 1,5-naphthalenedisulfonic acid. I contained <0.5% of its cis isomer.

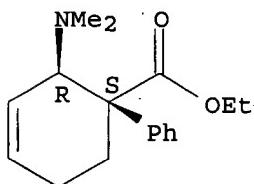
IT 51931-66-9P

RL: PUR (Purification or recovery); PREP (Preparation)
(purification of)

RN 51931-66-9 CAPLUS

CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
(1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



=> s 12 or 13 or 14

L5 34 L2 OR L3 OR L4

=> s 15 and acid

4369677 ACID

L6 17 L5 AND ACID

=> s 16 and dimethyl amine

355359 DIMETHYL

278189 AMINE

392 DIMETHYL AMINE

(DIMETHYL(W)AMINE)

L7 0 L6 AND DIMETHYL AMINE

=> s 16 and ethyl atropate

470846 ETHYL

87 ATROPATE

13 ETHYL ATROPATE

(ETHYL(W)ATROPATE)

L8 0 L6 AND ETHYL ATROPATE

=> s 16 and py<1999

19201940 PY<1999

L9 8 L6 AND PY<1999

=> d 1-8 ibib abs hitstr

L9 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

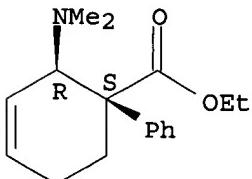
ACCESSION NUMBER: 1988:31256 CAPLUS

DOCUMENT NUMBER: 108:31256

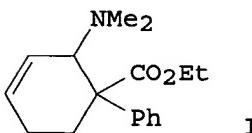
TITLE: The stereoselectivity of the 'single drug binding site' of human α_1 -acid glycoprotein (orosomucoid)

AUTHOR(S): Brunner, F.; Mueller, W. E.
 CORPORATE SOURCE: Inst. Pharmakodyn. Toxikol., Univ. Graz, Graz, A-8010,
 Austria
 SOURCE: Journal of Pharmacy and Pharmacology (1987),
 39(12), 986-90
 CODEN: JPPMAB; ISSN: 0022-3573
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The stereoselective binding of six pairs of basic, one pair of acidic drug enantiomers, and one pair of diastereomers to human α - acid glycoprotein was investigated by means of competition expts. against [³H]propranolol- or [¹⁴C]nicardipine-labeled binding sites using equilibrium dialysis to sep. free from bound marker ligand. The results suggest that the single drug binding site of α -AGP is only slightly stereoselective and that the stereoselective binding of the drugs investigated is probably of no clin. consequence.
 IT 51931-66-9
 RL: PROC (Process)
 (binding of, to human orosomucoid, stereoselectivity of)
 RN 51931-66-9 CAPLUS
 CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester, (1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



L9 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1987:472205 CAPLUS
 DOCUMENT NUMBER: 107:72205
 TITLE: In vitro adsorption of tilidine hydrochloride by activated charcoal
 AUTHOR(S): Cordonnier, Jan A.; Van den Heede, Marc A.; Heyndrickx, Aubin M.
 CORPORATE SOURCE: Dep. Toxicol., State Univ. Ghent, Ghent, B-9000, Belg.
 SOURCE: Journal of Toxicology, Clinical Toxicology (1987), 24(6), 503-17
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI



AB In vitro studies were carried out in order to determine the adsorption of tilidine (I) (as the HCl), a narcotic analgesic, by activated charcoal (maximum adsorption capacity 185.5 mg/g of charcoal). The path of the

adsorption isotherms at pH 1.2 and 7.5 suggests that the in vivo adsorption of tilidine may be increased when the drug passes from the stomach to the intestine, unless the intestinal content exerts a displacing effect. Nevertheless, the adsorption was dependent on the quantity of activated charcoal used, becoming more complete when the quantity of activated charcoal was increased. The effects of additives on the adsorption capacity of activated charcoal were also investigated in vitro. EtOH, sorbitol, and sucrose reduced drug adsorption, whereas cacao powder, milk, and starch had no effect on tilidine adsorption. At an acid pH, Federa Activated Charcoal adsorbed more drug than either Norit A or Activated Charcoal Merck.

IT 51931-66-9, Tilidine

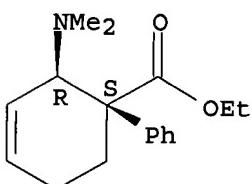
RL: PEP (Physical, engineering or chemical process); PROC (Process)

(adsorption of, by activated charcoal in gastrointestinal tract)

RN 51931-66-9 CAPLUS

CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester, (1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



L9 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1984:610763 CAPLUS

DOCUMENT NUMBER: 101:210763

TITLE: 3-trans-Dimethylamino-4-phenyl-4-trans-carbethoxy-1-cyclohexene

INVENTOR(S): David, Ladislav; Rybar, Alfonz; Zlatinsky, Emil; Breza, Milan; Pekar, Anton; Martvon, Augustin Czech.

PATENT ASSIGNEE(S):

SOURCE: Czech., 4 pp.
CODEN: CZXXA9

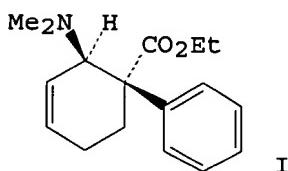
DOCUMENT TYPE: Patent

LANGUAGE: Slovak

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

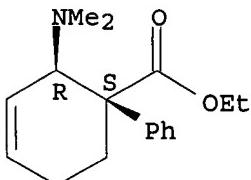
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------------------|-------|----------|-----------------|--------------|
| ----- | ----- | ----- | ----- | ----- |
| CS 214312 | B1 | 19820409 | CS 1980-7396 | 19801103 <-- |
| PRIORITY APPLN. INFO.: GI | | | CS 1980-7396 | 19801103 |



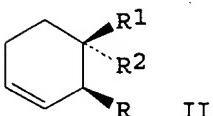
AB From a mixture of isomers in EtOH-AcOEt 61.1% trans- (I) was separated as crystalline

addition compound with 5-sulfoisophthalic acid and liberated with aqueous NaOH as a product containing 95-8% I.
 IT 51931-66-9
 RL: PROC (Process)
 (separation of, from isomeric mixture)
 RN 51931-66-9 CAPLUS
 CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
 (1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



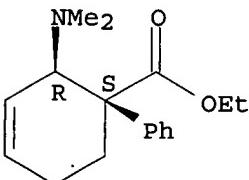
L9 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1979:610949 CAPLUS
 DOCUMENT NUMBER: 91:210949
 TITLE: Synthetic applications of N-(acylamino)-1,3-dienes.
 Control of endo stereoselectivity by the acyl substituent. Stereospecific synthesis of the analgesic Tilidine
 AUTHOR(S): Overman, Larry E.; Petty, C. Bruce; Doedens, Robert J.
 CORPORATE SOURCE: Dep. Chem., Univ. California, Irvine, CA, 92717, USA
 SOURCE: Journal of Organic Chemistry (1979), 44 (23),
 4183-5
 CODEN: JOCEAH; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 91:210949
 GI



AB Cycloaddn. of benzyl trans-1,3-butadiene-1-carbamate (I) and Et atropate affords stereoisomeric adducts II ($R = \text{NHCO}_2\text{CH}_2\text{Ph}$, $R_1 = \text{Ph}$, $R_2 = \text{CO}_2\text{Et}$; $R_1 = \text{CO}_2\text{Et}$, $R_2 = \text{Ph}$) in yields of 71% and 20%, resp. The structure of the major adduct II ($R = \text{NHCO}_2\text{CH}_2\text{Ph}$, $R_1 = \text{Ph}$, $R_2 = \text{CO}_2\text{Et}$) was determined by single crystal x-ray diffraction. Cycloaddn. of 2,2,2-trichloroethyl trans-1,3-butadiene-1-carbamate (III) with Et atropate occurred stereospecifically to afford adduct II ($R = \text{NHCO}_2\text{CH}_2\text{CCl}_3$, $R_1 = \text{Ph}$, $R_2 = \text{CO}_2\text{Et}$) in 84% yield. I ($R = \text{NHCO}_2\text{CH}_2\text{CCl}_3$, $R_1 = \text{Ph}$, $R_2 = \text{CO}_2\text{Et}$) was converted to the analgesic Tilidine (II, $R = \text{Me}_2\text{N}$, $R_1 = \text{Ph}$, $R_2 = \text{CO}_2\text{Et}$) in two steps and 64% yield. The endo-stereoselectivity observed in the reactions of N-acylamino-1,3-dienes I and III with Et atropate is opposite to that observed with the closely related trans-1-(dialkylamino)-1,3-dienes. The ability to control endo stereoselectivity in cycloaddns. of N-acylamino-1,3-dienes by modifications of the acyl substituent, further enhances the synthetic utility of these useful dienes.
 IT 51931-66-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (stereospecific synthesis of)

RN 51931-66-9 CAPLUS
CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
(1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



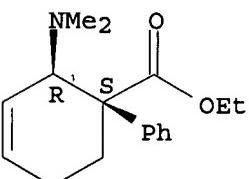
L9 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1974:449442 CAPLUS
DOCUMENT NUMBER: 81:49442
TITLE: Separation of (+)-3r-N-Dimethylamino-4c-phenyl-4t-ethoxycarbonylcyclohex-1-ene
INVENTOR(S): Herrmann, Wolfgang; Satzinger, Gerhard
PATENT ASSIGNEE(S): Goedecke A.-G.
SOURCE: Ger., 3 pp.
CODEN: GWXXAW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|--------------|
| DE 2261462 | B1 | 19740425 | DE 1972-2261462 | 19721215 <-- |
| DE 2261462 | C2 | 19741128 | | |

PRIORITY APPLN. INFO.: DE 1972-2261462 A 19721215
GI For diagram(s), see printed CA Issue.
AB (+)-I was separated from the racemic (±)-I by treating the racemate with D-tartaric acid, whereby the (-)-tartrate crystallized out. The solution containing the (+)-tartrate was treated with base and extracted with C6H6.
After distillation of the solvent, Me2CHOH was added to the residue whereby (+)-I crystallized out.

IT 51931-66-9
RN 51931-66-9 CAPLUS
CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
(1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



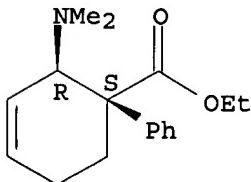
L9 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1973:3812 CAPLUS
DOCUMENT NUMBER: 78:3812

TITLE: Separation and isomerization of cis- and trans-substituted cyclohexanes
 PATENT ASSIGNEE(S): Warner-Lambert Pharmaceutical Co.
 SOURCE: Brit., 8 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| GB 1226318 | | 19710324 | | 19691001 <-- |
| FR 2039228 | | | FR | |
| US 3679732 | | 19720725 | US | 19690417 <-- |
| PRIORITY APPLN. INFO.: | | | US 1969-817176 | 19690417 |

GI For diagram(s), see printed CA Issue.
 AB An isomeric mixture of I and II were separated by precipitation of I as the oxalate salt. II was partially rearranged to I by heating with organic acids, e.g., fumaric, oxalic or maleic acid.
 IT 51931-66-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 51931-66-9 CAPLUS
 CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
 (1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



L9 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1972:126471 CAPLUS
 DOCUMENT NUMBER: 76:126471
 TITLE: Separating 3-trans-2(dimethylamino)-4-phenyl-4-trans-carbethoxy-Δ¹-cyclohexene from a mixture
 INVENTOR(S): Strotzer, Erich
 PATENT ASSIGNEE(S): Goedecke A.-G.
 SOURCE: Ger., 3 pp. Addn. to Ger. 1,518,959 (See Brit. 1,120,186, CA 69;96062v).
 CODEN: GWXXAW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 6
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------|------|----------|-----------------|--------------|
| DE 1768704 | A | 19711111 | DE 1967-1768704 | 19680621 <-- |
| US 3557127 | A | 19710119 | US 1969-813268 | 19690403 <-- |
| GB 1216152 | A | 19701216 | GB 1969-1216152 | 19690506 <-- |
| BE 732713 | A | 19691110 | BE 1969-732713 | 19690508 <-- |
| NL 6907094 | A | 19691111 | NL 1969-7094 | 19690508 <-- |
| SE 360070 | B | 19730917 | SE 1969-6552 | 19690508 <-- |
| JP 50011907 | B | 19750507 | JP 1969-35463 | 19690508 <-- |

| | | | | |
|------------|----|----------|---------------|--------------|
| CA 935160 | A1 | 19731009 | CA 1970-87006 | 19700630 <-- |
| NO 127004 | B | 19730424 | NO 1970-4056 | 19701026 <-- |
| DK 7503603 | A | 19750808 | DK 1975-3603 | 19750808 <-- |
| DK 141623 | B | 19800512 | | |
| DK 141623 | C | 19801013 | | |

PRIORITY APPLN. INFO.:

| | |
|-----------------|------------|
| DE 1965-1518959 | A 19651119 |
| DE 1966-1618476 | A 19670608 |
| DE 1966-1618482 | A 19670623 |
| US 1968-727689 | A 19680508 |
| DE 1967-1768704 | A 19680621 |
| DE 1967-1768895 | A 19680711 |
| US 1968-777197 | A 19681119 |
| US 1968-777202 | A 19681119 |
| DE 1969-1907909 | A 19690217 |
| DE 1969-1907910 | A 19690217 |
| DE 1969-1907911 | A 19690217 |
| DK 1969-2491 | A 19690507 |

AB The title compound (I) was isolated from the reaction mixture obtained by treating Me₂NCH:CHCH:CH₂ with H₂C:CPhCO₂Et as its double salt with 1,5-naphthalenedisulfonic acid. I contained <0.5% of its cis isomer.

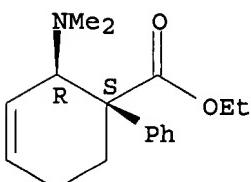
IT 51931-66-9P

RL: PUR (Purification or recovery); PREP (Preparation)
(purification of)

RN 51931-66-9 CAPLUS

CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
(1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



L9 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1968:496062 CAPLUS

DOCUMENT NUMBER: 69:96062

TITLE: 2-Amino-1-phenyl-3-cyclohexene-1-carboxylic acid ester derivatives

PATENT ASSIGNEE(S): Warner-Lambert Pharmaceutical Co.

SOURCE: Brit., 5 pp.
CODEN: BRXXAA

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| ----- | ---- | ----- | ----- | ----- |
| GB 1120186 | | 19680717 | GB 1966-48322 | 19661027 <-- |
| DE 1518959 | | | DE | |
| FR 5978 | | | FR | |
| US 3557127 | | 19710119 | US | 19690403 <-- |
| PRIORITY APPLN. INFO.: | | | DE | 19651119 |

OTHER SOURCE(S): MARPAT 69:96062

GI For diagram(s), see printed CA Issue.

AB I are useful as analgesics with relatively low toxicity. They do not have a paralyzing effect on the gastro-intestinal tract nor do they depress the

respiratory system. A mixture of 194 g. 1-dimethylamino-1,3-butadiene and 352 g. atropic acid Et ester was stirred (exotherm) (temperature 40-60°) (ice-cooling), and the mixture kept overnight and worked up to give the mixed stereoisomeric hydrochlorides, separated by crystallization from

AcOEt-EtCOMe into the less soluble cis-I.HCl (R = Et, R1 = Me) (II), 64.4%, m. 84° (free base b0.01 97.5-98°). (II is best separated as the sparingly soluble sesquihydrate by addition of the theoretical volume of H2O to the crystallizing solution), and trans-I.HCl (R = Et, R1 = Me), 22.2%, m. 159° (free base b0.01 95.5-96°). Similarly were prepared cis-I.HCl (R = R1 = Et), m. 147° (AcOEt-iso-PrOH); and cis-I.HCl [R = Et, (NR12'=)piperidino], m. 168° (decomposition) (Me2CO), the corresponding trans isomer were also isolated. Biol. test data were given.

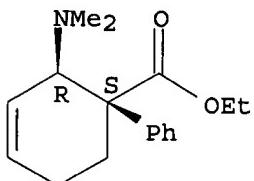
IT 51931-66-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 51931-66-9 CAPLUS

CN 3-Cyclohexene-1-carboxylic acid, 2-(dimethylamino)-1-phenyl-, ethyl ester,
(1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.



Refine Search

Search Results -

| Terms | Documents |
|---|-----------|
| dimethylamino\$7 and pheny\$6 and propion\$8 and ethyl atropate | 2 |

Database: US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search: L7  **Refine Search**

Recall Text  **Clear** **Interrupt**

Search History

DATE: Tuesday, May 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

| | | | |
|-----------|--|-------|-----------|
| <u>L7</u> | dimethylamino\$7 and pheny\$6 and propion\$8 and ethyl atropate | 2 | <u>L7</u> |
| <u>L6</u> | dimethylamino\$7 adj4 pheny\$6 adj4 propion\$8 adj5 cyclohexene\$7 | 0 | <u>L6</u> |
| <u>L5</u> | L4 and (562/\$ or 560/\$) | 1 | <u>L5</u> |
| <u>L4</u> | L3 same carboxylic acid | 59 | <u>L4</u> |
| <u>L3</u> | dimethylamino\$7 same pheny\$6 same propion\$8 same cyclohexene\$7 | 146 | <u>L3</u> |
| <u>L2</u> | dimethylamino\$7 same pheny\$6 same propion\$8 | 7097 | <u>L2</u> |
| <u>L1</u> | dimethylamino\$7 and pheny\$6 and propion\$8 | 54262 | <u>L1</u> |

END OF SEARCH HISTORY

Hit List

| | | | | | |
|---------------|-------|---------------------|-------|----------|-----------|
| First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |
| Generate OACS | | | | | |

Search Results - Record(s) 1 through 10 of 59 returned.

1. Document ID: US 20070065365 A1

L4: Entry 1 of 59

File: PGPB

Mar 22, 2007

PGPUB-DOCUMENT-NUMBER: 20070065365

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070065365 A1

TITLE: Abuse-resistant transdermal system

PUBLICATION-DATE: March 22, 2007

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------------|--------|-------|---------|
| Kugelmann; Heinrich | Aachen | | DE |
| Bartholomaeus; Johannes | Aachen | | DE |

US-CL-CURRENT: 424/10.1; 424/449

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

2. Document ID: US 20070048228 A1

L4: Entry 2 of 59

File: PGPB

Mar 1, 2007

PGPUB-DOCUMENT-NUMBER: 20070048228

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070048228 A1

TITLE: ABUSE-PROOFED DOSAGE FORM

PUBLICATION-DATE: March 1, 2007

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------------|--------|-------|---------|
| ARKENAU-MARIC; Elisabeth | Koln | | DE |
| BARTHOLOMAUS; Johannes | Aachen | | DE |
| KUGELMANN; Heinrich | Aachen | | DE |

US-CL-CURRENT: 424/10.1; 514/282

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

3. Document ID: US 20070003616 A1

L4: Entry 3 of 59

File: PGPB

Jan 4, 2007

PGPUB-DOCUMENT-NUMBER: 20070003616

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070003616 A1

TITLE: Process for the production of an abuse-proofed dosage form

PUBLICATION-DATE: January 4, 2007

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------------|--------|-------|---------|
| Arkenau-Maric; Elisabeth | Koln | | DE |
| Bartholomaus; Johannes | Aachen | | DE |

US-CL-CURRENT: 424/464; 264/109

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

 4. Document ID: US 20060264493 A1

L4: Entry 4 of 59

File: PGPB

Nov 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060264493

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060264493 A1

TITLE: Tetracyclic pyrazole derivatives as kinase inhibitors, process for their preparation and pharmaceutical compositions comprising them

PUBLICATION-DATE: November 23, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------------|-------|-------|---------|
| Vanotti; Ermes | Milan | | IT |
| Cervi; Giovanni | Como | | IT |
| Pulici; Maurizio | Milan | | IT |
| Menichincheri; Maria | Milan | | IT |
| Varasi; Mario | Milan | | IT |
| Vianello; Paola | Milan | | IT |

US-CL-CURRENT: 514/406; 548/358.5

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

 5. Document ID: US 20060193782 A1

L4: Entry 5 of 59

File: PGPB

Aug 31, 2006

PGPUB-DOCUMENT-NUMBER: 20060193782
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060193782 A1

TITLE: Abuse-proofed dosage form

PUBLICATION-DATE: August 31, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------------|--------|-------|---------|
| Bartholomaus; Johannes | Aachen | | DE |
| Kugelmann; Heinrich | Aachen | | DE |
| Arkenau-Maric; Elisabeth | Koln | | DE |

US-CL-CURRENT: 424/10.1

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KOMC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|

 6. Document ID: US 20060188447 A1

L4: Entry 6 of 59

File: PGPB

Aug 24, 2006

PGPUB-DOCUMENT-NUMBER: 20060188447
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060188447 A1

TITLE: Process for the production of an abuse-proofed dosage form

PUBLICATION-DATE: August 24, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------------|--------|-------|---------|
| Arkenau-Maric; Elisabeth | Koln | | DE |
| Bartholomaus; Johannes | Aachen | | DE |

US-CL-CURRENT: 424/10.1

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KOMC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|

 7. Document ID: US 20060002860 A1

L4: Entry 7 of 59

File: PGPB

Jan 5, 2006

PGPUB-DOCUMENT-NUMBER: 20060002860
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060002860 A1

TITLE: Abuse-proofed oral dosage form

PUBLICATION-DATE: January 5, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------------|--------|-------|---------|
| Bartholomaeus; Johannes | Aachen | | DE |
| Kugelmann; Heinrich | Aachen | | DE |

US-CL-CURRENT: 424/10.1; 514/282

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

8. Document ID: US 20060002859 A1

L4: Entry 8 of 59

File: PGPB

Jan 5, 2006

PGPUB-DOCUMENT-NUMBER: 20060002859

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060002859 A1

TITLE: Process for production of an abuse-proofed solid dosage form

PUBLICATION-DATE: January 5, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------------|--------|-------|---------|
| Arkenau; Elisabeth | Aachen | | DE |
| Bartholomaeus; Johannes | Aachen | | DE |

US-CL-CURRENT: 424/10.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

9. Document ID: US 20050236741 A1

L4: Entry 9 of 59

File: PGPB

Oct 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050236741

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050236741 A1

TITLE: Process for the production of an abuse-proofed solid dosage form

PUBLICATION-DATE: October 27, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------------|--------|-------|---------|
| Arkenau, Elisabeth | Aachen | | DE |
| Bartholomaeus, Johannes | Aachen | | DE |

US-CL-CURRENT: 264/443

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

10. Document ID: US 20050214223 A1

L4: Entry 10 of 59

File: PGPB

Sep 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050214223

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050214223 A1

TITLE: Abuse-safeguarded dosage form

PUBLICATION-DATE: September 29, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------------|--------|-------|---------|
| Bartholomaeus, Johannes | Aachen | | DE |
| Langner, Klaus-Dieter | Aachen | | DE |
| Kugelmann, Heinrich | Aachen | | DE |

US-CL-CURRENT: 424/10.1; 514/270, 514/326

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

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| Terms | Documents |
|-------------------------|-----------|
| L3 same carboxylic acid | 59 |

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|---------------|-------|---------------------|-------|----------|-----------|
| First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |
| Generate OACs | | | | | |

Search Results - Record(s) 11 through 20 of 59 returned.

11. Document ID: US 20050192182 A1

L4: Entry 11 of 59

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050192182

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050192182 A1

TITLE: Herbicidal mixtures based on substituted aryl ketones

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------------|-------------|-------|---------|
| Feucht, Dieter | Monheim | | DE |
| Dahmen, Peter | Neuss | | DE |
| Drewes, Mark Wilhelm | Langenfeld | | DE |
| Pontzen, Rolf | Leichlingen | | DE |
| Hoischen, Dorothee | Dusseldorf | | DE |
| Muller, Klaus-Helmut | Dusseldorf | | DE |
| Schwarz, Hans-Georg | Langenfeld | | DE |
| Herrmann, Stefan | Langenfeld | | DE |
| Kather, Kristian | Langenfeld | | DE |
| Schallner, Otto | Monheim | | DE |
| Goto, Toshio | Tochigi | | JP |
| Shirakura, Shinichi | Tochigi | | JP |

US-CL-CURRENT: 504/136; 504/118

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

12. Document ID: US 20050186139 A1

L4: Entry 12 of 59

File: PGPB

Aug 25, 2005

PGPUB-DOCUMENT-NUMBER: 20050186139

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050186139 A1

TITLE: Abuse-proofed dosage form

PUBLICATION-DATE: August 25, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|------------------------|--------|-------|---------|
| Bartholomäus, Johannes | Aachen | | DE |
| Langner, Klaus-Dieter | Aachen | | DE |

US-CL-CURRENT: 424/10.2; 514/221

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMNC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

 13. Document ID: US 20050152843 A1

L4: Entry 13 of 59

File: PGPB

Jul 14, 2005

PGPUB-DOCUMENT-NUMBER: 20050152843

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050152843 A1

TITLE: Abuse-proofed dosage form

PUBLICATION-DATE: July 14, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|------------------------|--------|-------|---------|
| Bartholomäus, Johannes | Aachen | | DE |
| Kugelmann, Heinrich | Aachen | | DE |

US-CL-CURRENT: 424/10.1; 514/221, 514/270, 514/649

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMNC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

 14. Document ID: US 20050090396 A1

L4: Entry 14 of 59

File: PGPB

Apr 28, 2005

PGPUB-DOCUMENT-NUMBER: 20050090396

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050090396 A1

TITLE: Herbicides based on substituted carboxylic acid anilides

PUBLICATION-DATE: April 28, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------------|-------------|-------|---------|
| Feucht, Dieter | Kelkheim | | DE |
| Dahmen, Peter | Neuss | | DE |
| Drewes, Mark Wilhelm | Langenfeld | | DE |
| Pontzen, Rolf | Leichlingen | | DE |
| Andree, Roland | Langenfeld | | DE |
| Linker, Karl-Heinz | Leverkusen | | DE |

US-CL-CURRENT: 504/129; 504/118

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|

 15. Document ID: US 20050059657 A1

L4: Entry 15 of 59

File: PGPB

Mar 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050059657

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050059657 A1

TITLE: Aminoisoxazole derivatives active as kinase inhibitors

PUBLICATION-DATE: March 17, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-----------------------|------------------|-------|---------|
| Cavicchioli, Marcello | Lyon | | FR |
| Pevarello, Paolo | Pavia | | IT |
| Salom, Barbara | Vedano al Lambro | | IT |
| Vulpetti, Anna | Brugherio | | IT |

US-CL-CURRENT: 514/227.8; 514/235.2, 514/254.04, 514/326, 514/378

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|

 16. Document ID: US 20050042674 A9

L4: Entry 16 of 59

File: PGPB

Feb 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050042674

PGPUB-FILING-TYPE: corrected

DOCUMENT-IDENTIFIER: US 20050042674 A9

TITLE: Common ligand mimics: thiazolidinediones and rhodanines

PUBLICATION-DATE: February 24, 2005

PRIOR-PUBLICATION:

| DOC-ID | DATE |
|---------------|------------------|
| US 0009526 A1 | January 15, 2004 |

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-----------------|-----------|-------|---------|
| Yu, Lin | San Diego | CA | US |
| Dong, Qing | San Diego | CA | US |
| Pierre, Fabrice | La Jolla | CA | US |
| Chang, Edcon | San Diego | CA | US |
| Lang, Hengyuan | San Diego | CA | US |

| | | | |
|----------------------|-----------|----|----|
| Qin, Yong | Poway | CA | US |
| Fang, Yunfeng | San Diego | CA | US |
| Hansen, Mark | San Diego | CA | US |
| Pellecchia, Maurizio | San Diego | CA | US |

US-CL-CURRENT: 435/7.1; 436/518, 530/331, 548/183

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

17. Document ID: US 20050031546 A1

L4: Entry 17 of 59

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050031546

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050031546 A1

TITLE: Abuse-proffed dosage form

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|------------------------|--------|-------|---------|
| Bartholomäus, Johannes | Aachen | | DE |
| Kugelmann, Heinrich | Aachen | | DE |

US-CL-CURRENT: 424/10.1; 424/486

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

18. Document ID: US 20050019825 A9

L4: Entry 18 of 59

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050019825

PGPUB-FILING-TYPE: corrected

DOCUMENT-IDENTIFIER: US 20050019825 A9

TITLE: Common ligand mimics: pseudothiohydantoins

PUBLICATION-DATE: January 27, 2005

PRIOR-PUBLICATION:

| DOC-ID | DATE |
|---------------|------------------|
| US 0009527 A1 | January 15, 2004 |

INVENTOR-INFORMATION:

| | | | |
|------------|-----------|-------|---------|
| NAME | CITY | STATE | COUNTRY |
| Dong, Qing | San Diego | CA | US |

| | | | |
|----------------------|-----------|----|----|
| Pierre, Fabrice | La Jolla | CA | US |
| Lang, Hengyuan | San Diego | CA | US |
| Yu, Lin | San Diego | CA | US |
| Hansen, Mark | San Diego | CA | US |
| Sem, Daniel S. | San Diego | CA | US |
| Pellecchia, Maurizio | San Diego | CA | US |

US-CL-CURRENT: 435/7.1; 436/518, 546/269.7, 548/184

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn](#)

19. Document ID: US 20050004174 A1

L4: Entry 19 of 59

File: PGPB

Jan 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050004174

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050004174 A1

TITLE: Oxazolidinone combinatorial libraries, compositions and methods of preparation

PUBLICATION-DATE: January 6, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|------------------------|---------------|-------|---------|
| Gordeev, Mikhail F. | Castro Valley | CA | US |
| Luehr, Gary W. | Hayward | CA | US |
| Ni, Zhi-Jie | Fremont | CA | US |
| Patel, Dines Vinoobhai | Fremont | CA | US |
| Gordon, Eric | Palo Alto | CA | US |

US-CL-CURRENT: 514/340; 514/376, 546/274.1, 548/229

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn](#)

20. Document ID: US 20050003963 A1

L4: Entry 20 of 59

File: PGPB

Jan 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050003963

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050003963 A1

TITLE: Herbicides containing substituted thien-3-yl-sulfonylamino(thio)carbonyl-triazolin(thi)one

PUBLICATION-DATE: January 6, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------------|-------------|-------|---------|
| Feucht, Dieter | Monheim | | DE |
| Dahmen, Peter | Neuss | | DE |
| Drewes, Mark Wilhelm | Langenfeld | | DE |
| Pontzen, Rolf | Leichlingen | | DE |
| Gesing, Ernst Rudolf F. | Erkrath | | DE |

US-CL-CURRENT: 504/139

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMTC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

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|-------|---------------------|-------|----------|-----------|---------------|
| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
|-------|---------------------|-------|----------|-----------|---------------|

| Terms | Documents |
|-------------------------|-----------|
| L3 same carboxylic acid | 59 |

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| Generate OACs | | | | | |

Search Results - Record(s) 21 through 30 of 59 returned.

21. Document ID: US 20040186161 A1

L4: Entry 21 of 59

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040186161
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040186161 A1

TITLE: Prodrugs of a 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|---------------|-------|---------|
| Sun, Connie Li | Foster City | CA | US |
| Wei, Chung Chen | Foster City | CA | US |
| Tang, Peng Cho | Moraga | CA | US |
| Koenig, Marcel | Burlingame | CA | US |
| Zhou, Yong | San Francisco | CA | US |
| Vojkovsky, Tomas | San Mateo | CA | US |
| Nematalla, Asaad S. | Orinda | CA | US |

US-CL-CURRENT: 514/414; 548/465

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

22. Document ID: US 20040180881 A1

L4: Entry 22 of 59

File: PGPB

Sep 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040180881
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040180881 A1

TITLE: Oxazolyl-pyrazole derivatives as kinase inhibitors

PUBLICATION-DATE: September 16, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------|-----------|-------|---------|
| Berta, Daniela | Sassari | | IT |
| Felder, Eduard | Mendrisio | | CH |

| | | |
|----------------|-----------|----|
| Vulpetti, Anna | Brugherio | IT |
| Villa, Marzia | Bologna | IT |

US-CL-CURRENT: 514/227.5; 514/232.5, 514/254.02, 514/375, 544/137, 544/369, 544/60,
548/181, 548/217

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

23. Document ID: US 20040115370 A1

L4: Entry 23 of 59

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040115370

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040115370 A1

TITLE: Emulsion and coating liquid and recording medium using the same

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------------|----------|-------|---------|
| Funakoshi, Shinji | Akishima | | JP |
| Takanohashi, Hiroaki | Yokosuka | | JP |

US-CL-CURRENT: 428/32.1; 428/195.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

24. Document ID: US 20040072945 A1

L4: Entry 24 of 59

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040072945

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040072945 A1

TITLE: Latex and its preparation

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------------|----------------|-------|---------|
| Chen, Jinqiu | Marl | | DE |
| Hahn, Sabine | Haltern am See | | DE |
| Schwenzfeier, Hans-Peter | Dorsten | | DE |
| Wieboldt, Jens | Marl | | DE |

US-CL-CURRENT: 524/800

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMNC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|

 25. Document ID: US 20040009527 A1

L4: Entry 25 of 59

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040009527

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040009527 A1

TITLE: Common ligand mimics: pseudothiohydantoins

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------------|-----------|-------|---------|
| Dong, Qing | San Diego | CA | US |
| Pierre, Fabrice | La Jolla | CA | US |
| Lang, Hengyuan | San Diego | CA | US |
| Yu, Lin | San Diego | CA | US |
| Hansen, Mark | San Diego | CA | US |
| Sem, Daniel S. | San Diego | CA | US |
| Pellecchia, Maurizio | San Diego | CA | US |

US-CL-CURRENT: 435/7.1; 436/518, 546/269.7, 548/184

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMNC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|

 26. Document ID: US 20040009526 A1

L4: Entry 26 of 59

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040009526

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040009526 A1

TITLE: Common ligand mimics: thiazolidinediones and rhodanines

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-----------------|-----------|-------|---------|
| Yu, Lin | San Diego | CA | US |
| Dong, Qing | San Diego | CA | US |
| Pierre, Fabrice | La Jolla | CA | US |
| Chang, Edcon | San Diego | CA | US |
| Lang, Hengyuan | San Diego | CA | US |
| Qin, Yong | Poway | CA | US |
| Fang, Yunfeng | San Diego | CA | US |

| | | | |
|----------------------|-----------|----|----|
| Hansen, Mark | San Diego | CA | US |
| Pellecchia, Maurizio | San Diego | CA | US |

US-CL-CURRENT: 435/7.1; 436/518, 530/331, 548/183

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

27. Document ID: US 20030104473 A1

L4: Entry 27 of 59

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030104473

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030104473 A1

TITLE: Common ligand mimics: benzimidazoles

PUBLICATION-DATE: June 5, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------|-----------|-------|---------|
| Dong, Qing | San Diego | CA | US |
| Lang, Hengyuan | San Diego | CA | US |
| Xie, Lan | Beijing | CA | CN |
| Yu, Lin | San Diego | | US |

US-CL-CURRENT: 435/7.1; 548/113, 548/304.7

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

28. Document ID: US 20030100555 A1

L4: Entry 28 of 59

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100555

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100555 A1

TITLE: Prodrugs of a 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-----------------|---------------|-------|---------|
| Sun, Connie Li | Foster City | CA | US |
| Wei, Chung Chen | Foster City | CA | US |
| Tang, Peng Cho | Moraga | CA | US |
| Koenig, Marcel | Burlingame | CA | US |
| Zhou, Yong | San Francisco | CA | US |

| | | | |
|---------------------|-----------|----|----|
| Vojkovsky, Tomas | San Mateo | CA | US |
| Nematalla, Asaad S. | Orinda | CA | US |

US-CL-CURRENT: 514/232.8; 514/254.09, 514/323, 514/414, 544/144, 544/373, 546/209,
548/465

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

29. Document ID: US 20020183371 A1

L4: Entry 29 of 59

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020183371

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020183371 A1

TITLE: Oxazolidinone combinatorial libraries, compositions and methods of preparation

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-------------|-------|---------|
| Gordeev, Mikhail F. | San Leandro | CA | US |
| Luehr, Gary W. | Fremont | CA | US |
| Patel, Dinesh V. | Fremont | CA | US |
| Ni, Zhi-Jie | Fremont | CA | US |
| Gordon, Eric | Palo Alto | CA | US |

US-CL-CURRENT: 514/376; 435/7.1, 436/518, 525/375, 548/229

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

30. Document ID: US 7175892 B2

L4: Entry 30 of 59

File: USPT

Feb 13, 2007

US-PAT-NO: 7175892

DOCUMENT-IDENTIFIER: US 7175892 B2

TITLE: Emulsion and coating liquid and recording medium using the same

PRIOR-PUBLICATION:

DOC-ID DATE

US 20040115370 A1 June 17, 2004

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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| Generate OACs | | | | | |

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31. Document ID: US 7105535 B2

L4: Entry 31 of 59

File: USPT

Sep 12, 2006

US-PAT-NO: 7105535

DOCUMENT-IDENTIFIER: US 7105535 B2

TITLE: Oxazolyl-pyrazole derivatives as kinase inhibitors

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040180881 A1

September 16, 2004

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|

32. Document ID: US 7101927 B2

L4: Entry 32 of 59

File: USPT

Sep 5, 2006

US-PAT-NO: 7101927

DOCUMENT-IDENTIFIER: US 7101927 B2

TITLE: Latex obtainable by a gradient regime reaction

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040072945 A1

April 15, 2004

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----|

33. Document ID: US 7053114 B2

L4: Entry 33 of 59

File: USPT

May 30, 2006

US-PAT-NO: 7053114

DOCUMENT-IDENTIFIER: US 7053114 B2

TITLE: Prodrugs of a 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

PRIOR-PUBLICATION:

DOC-ID DATE
US 20040186161 A1 September 23, 2004

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)

34. Document ID: US 7034074 B2

L4: Entry 34 of 59

File: USPT

Apr 25, 2006

US-PAT-NO: 7034074

DOCUMENT-IDENTIFIER: US 7034074 B2

TITLE: Aqueous primary dispersions and coating agents, methods for producing them and their use

PRIOR-PUBLICATION:

DOC-ID DATE
US 20030143414 A1 July 31, 2003

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)

35. Document ID: US 7002020 B1

L4: Entry 35 of 59

File: USPT

Feb 21, 2006

US-PAT-NO: 7002020

DOCUMENT-IDENTIFIER: US 7002020 B1

TITLE: Oxazolidinone combinatorial libraries, compositions and methods of preparation

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)

36. Document ID: US 6797725 B2

L4: Entry 36 of 59

File: USPT

Sep 28, 2004

US-PAT-NO: 6797725

DOCUMENT-IDENTIFIER: US 6797725 B2

TITLE: Prodrugs of a 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)

37. Document ID: US 6621684 B2

L4: Entry 37 of 59

File: USPT

Sep 16, 2003

US-PAT-NO: 6621684

DOCUMENT-IDENTIFIER: US 6621684 B2

**** See image for Certificate of Correction ****

TITLE: Electric double layer capacitor, electrolytic solution therefore and method for suppressing self-discharge in electronic component

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)

38. Document ID: US 6562844 B2

L4: Entry 38 of 59

File: USPT

May 13, 2003

US-PAT-NO: 6562844

DOCUMENT-IDENTIFIER: US 6562844 B2

TITLE: Oxazolidinone combinatorial libraries, compositions and methods of preparation

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)

39. Document ID: US 6531470 B1

L4: Entry 39 of 59

File: USPT

Mar 11, 2003

US-PAT-NO: 6531470

DOCUMENT-IDENTIFIER: US 6531470 B1

TITLE: Oxazolidinone combinatorial libraries, compositions and methods of preparation

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)

40. Document ID: US 4774011 A

L4: Entry 40 of 59

File: USPT

Sep 27, 1988

US-PAT-NO: 4774011

DOCUMENT-IDENTIFIER: US 4774011 A

TITLE: Electrolyte for aluminum electrolytic capacitor

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)

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| L3 same carboxylic acid | 59 |

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Search Results - Record(s) 41 through 50 of 59 returned.

41. Document ID: US 4554155 A

L4: Entry 41 of 59

File: USPT

Nov 19, 1985

US-PAT-NO: 4554155

DOCUMENT-IDENTIFIER: US 4554155 A

**** See image for Certificate of Correction ****

TITLE: Controlled release compositions

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D](#)

42. Document ID: US 4361436 A

L4: Entry 42 of 59

File: USPT

Nov 30, 1982

US-PAT-NO: 4361436

DOCUMENT-IDENTIFIER: US 4361436 A

TITLE: Composition for plant growth regulation

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D](#)

43. Document ID: US 4328026 A

L4: Entry 43 of 59

File: USPT

May 4, 1982

US-PAT-NO: 4328026

DOCUMENT-IDENTIFIER: US 4328026 A

TITLE: Phosphoranyl derivatives containing nitrogen

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D](#)

44. Document ID: US 4292142 A

L4: Entry 44 of 59

File: USPT

Sep 29, 1981

US-PAT-NO: 4292142

DOCUMENT-IDENTIFIER: US 4292142 A

TITLE: Separation of ethylbenzene from para- and meta-xylenes by extractive distillation

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMTC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

45. Document ID: US 3825537 A

L4: Entry 45 of 59

File: USOC

Jul 23, 1974

US-PAT-NO: 3825537

DOCUMENT-IDENTIFIER: US 3825537 A

TITLE: 1-THIAZOLIN-2-YL(OR THIAZIN-2-YL)-2-AMINOBENZIMIDAZOLES AND DERIVATIVES THEREOF

DATE-ISSUED: July 23, 1974

INVENTOR-NAME: NARAYANAN V; HAUGWITZ R

US-CL-CURRENT: 544/55, 548/181, 548/307.4, 558/17

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMTC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

46. Document ID: US 3819700 A

L4: Entry 46 of 59

File: USOC

Jun 25, 1974

US-PAT-NO: 3819700

DOCUMENT-IDENTIFIER: US 3819700 A

TITLE: 2-(HYDROCARBYLTHIO)-2-(HYDROXYIMINO)-ACETAMIDE S-OXIDES AND DERIVATIVES

DATE-ISSUED: June 25, 1974

INVENTOR-NAME: BELLINA R

US-CL-CURRENT: 564/154; 540/607, 544/111, 544/130, 544/141, 544/155, 544/159,
544/162, 544/176, 544/85, 546/226, 546/245, 548/523, 548/540, 548/953, 548/966,
558/3, 564/162, 564/188, 564/191, 564/192

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMTC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

47. Document ID: US 3819693 A

L4: Entry 47 of 59

File: USOC

Jun 25, 1974

US-PAT-NO: 3819693

DOCUMENT-IDENTIFIER: US 3819693 A

TITLE: 9-HYDROXYFLUORENE-2-ALKANOIC ACIDS AND ESTERS THEREOF

DATE-ISSUED: June 25, 1974

INVENTOR-NAME: LEVINE S; PRINCIPE P

US-CL-CURRENT: 562/466, 435/127, 435/911, 435/913, 435/917, 544/107, 554/104,
554/105, 554/108, 554/111, 554/116, 554/218, 554/220, 558/406, 558/410, 560/101,
560/107, 560/134, 560/21, 560/34, 560/35, 560/45, 560/51, 560/53, 560/56, 560/8,
562/434, 562/439, 562/440, 562/461, 562/492

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMIC](#) | [Drawn D.](#)

48. Document ID: US 3819624 A

L4: Entry 48 of 59

File: USOC

Jun 25, 1974

US-PAT-NO: 3819624

DOCUMENT-IDENTIFIER: US 3819624 A

TITLE: ISOINDOLO(7,1,2-HIJ) QUINOLINES

DATE-ISSUED: June 25, 1974

INVENTOR-NAME: LEVINE S

US-CL-CURRENT: 544/125; 540/544, 540/575, 540/597, 544/361, 544/58.6, 544/59,
546/72, 548/437

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMIC](#) | [Drawn D.](#)

49. Document ID: US 3816444 A

L4: Entry 49 of 59

File: USOC

Jun 11, 1974

US-PAT-NO: 3816444

DOCUMENT-IDENTIFIER: US 3816444 A

TITLE: THIAZOLINYL DERIVATIVES OF OMIKRON-PHENYLENEDIAMINES

DATE-ISSUED: June 11, 1974

INVENTOR-NAME: NARAYANAN V; HAUGWITZ R

US-CL-CURRENT: 548/197, 544/53, 548/193, 548/194, 548/198, 558/17, 564/27

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMIC](#) | [Drawn D.](#)

50. Document ID: US 3792080 A

L4: Entry 50 of 59

File: USOC

Feb 12, 1974

US-PAT-NO: 3792080

DOCUMENT-IDENTIFIER: US 3792080 A

TITLE: PROCESS FOR SUBSTITUTED CYCLOHEXENES AND ITS PRODUCTS

DATE-ISSUED: February 12, 1974

INVENTOR-NAME: SATZINGER G; HECHTFISCHER G

US-CL-CURRENT: 560/48, 544/165

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

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| L3 same carboxylic acid | 59 |

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51. Document ID: US 3759903 A

L4: Entry 51 of 59

File: USOC

Sep 18, 1973

US-PAT-NO: 3759903

DOCUMENT-IDENTIFIER: US 3759903 A

TITLE: THIAZOLINYL AND THIAZINYL DERIVATIVES OF INDAZOLES

DATE-ISSUED: September 18, 1973

INVENTOR-NAME: NARAYANAN V; HAUGWITZ R

US-CL-CURRENT: 544/55, 548/181

52. Document ID: US 3755402 A

L4: Entry 52 of 59

File: USOC

Aug 28, 1973

US-PAT-NO: 3755402

DOCUMENT-IDENTIFIER: US 3755402 A

TITLE: ESTERS OF CYANIC ACID AND METHOD OF PREPARATION

DATE-ISSUED: August 28, 1973

INVENTOR-NAME: GRIGAT E; PUTTER R

US-CL-CURRENT: 560/100, 534/735, 534/859, 544/163, 546/153, 546/177, 546/291,
548/304.4, 548/361.1, 548/370.1, 549/33, 552/208, 552/265, 552/267, 560/108,
560/109, 560/139, 560/142, 560/301, 562/427, 562/429, 562/430, 562/434, 562/435,
562/452, 562/465, 562/466, 562/490, 562/493, 562/496, 568/706, 568/716, 568/721,
568/723, 568/743, 568/744, 568/763, 568/764, 568/775, 568/780, 568/781, 568/784,
568/844

53. Document ID: US 3749717 A

L4: Entry 53 of 59

File: USOC

Jul 31, 1973

US-PAT-NO: 3749717

DOCUMENT-IDENTIFIER: US 3749717 A

TITLE: THIAZOLINYL AND THIAZINYL DERIVATIVES OF BENZIMIDAZOLES

DATE-ISSUED: July 31, 1973

INVENTOR-NAME: NARAYANAN V; HAUGWITZ R ; MAURER B

US-CL-CURRENT: 544/55, 548/181

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)

54. Document ID: US 3740396 A

L4: Entry 54 of 59

File: USOC

Jun 19, 1973

US-PAT-NO: 3740396

DOCUMENT-IDENTIFIER: US 3740396 A

TITLE: THIAZOLINYL AND THIAZINYL DERIVATIVES OF BENZOTRIAZOLES

DATE-ISSUED: June 19, 1973

INVENTOR-NAME: HAUGWITZ R; VENKATACHALA NARAVANAN

US-CL-CURRENT: 544/55, 548/181, 548/257

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)

55. Document ID: US 3720686 A

L4: Entry 55 of 59

File: USOC

Mar 13, 1973

US-PAT-NO: 3720686

DOCUMENT-IDENTIFIER: US 3720686 A

TITLE: MERCAPTOBENZIMIDAZOLE DERIVATIVES

DATE-ISSUED: March 13, 1973

INVENTOR-NAME: NARAYANAN V; HAUGWITZ R

US-CL-CURRENT: 548/307.1, 558/13, 558/414, 564/155, 564/214, 564/218, 564/305,
564/315, 564/440, 564/441, 564/443

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)

56. Document ID: US 3660563 A

L4: Entry 56 of 59

File: USOC

May 2, 1972

US-PAT-NO: 3660563

DOCUMENT-IDENTIFIER: US 3660563 A

TITLE: WATER SOLUBLE ENTRAPPING OF A DRUG

DATE-ISSUED: May 2, 1972

INVENTOR-NAME: SHEPHERD THOMAS H; GOULD FRANCIS E

US-CL-CURRENT: 514/772.1, 514/772.5

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIWC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

 57. Document ID: US 3564100 A

L4: Entry 57 of 59

File: USOC

Feb 16, 1971

US-PAT-NO: 3564100

DOCUMENT-IDENTIFIER: US 3564100 A

TITLE: BASICALLY SUBSTITUTED CYCLOALKENE COMPOUNDS AS ANTITUSSIVE AGENTS

DATE-ISSUED: February 16, 1971

INVENTOR-NAME: FRANKUS ERNST; FLICK KURT

US-CL-CURRENT: 514/650

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIWC | Drawn D. |
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 58. Document ID: US 3470249 A

L4: Entry 58 of 59

File: USOC

Sep 30, 1969

US-PAT-NO: 3470249

DOCUMENT-IDENTIFIER: US 3470249 A

TITLE: 1 - (M - HYDROXYPHENYL) - 2 - DIALKYLAMINO METHYL - CYCLOALKENES AND THE SALTS THEREOF AND THE PROCESS OF PERPARING THE SAME

DATE-ISSUED: September 30, 1969

INVENTOR-NAME: FRANKUS ERNST; FLICK KURT

US-CL-CURRENT: 564/446, 514/849, 546/322, 546/326, 564/339

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIWC | Drawn D. |
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59. Document ID: US 2212141 A

L4: Entry 59 of 59

File: USOC

Aug 20, 1940

US-PAT-NO: 2212141

DOCUMENT-IDENTIFIER: US 2212141 A

TITLE: Esters and their preparation

DATE-ISSUED: August 20, 1940

INVENTOR-NAME: VERNON ALDERMAN VAN; MARTIN BRUBAKER MERLIN ; EDWARD HANFORD WILLIAM

US-CL-CURRENT: 558/251, 549/1, 558/255[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D.](#)[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

| Terms | Documents |
|-------------------------|-----------|
| L3 same carboxylic acid | 59 |

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1. Document ID: US 3997590 A

L7: Entry 1 of 2

File: USPT

Dec 14, 1976

US-PAT-NO: 3997590

DOCUMENT-IDENTIFIER: US 3997590 A

TITLE: Keto-esters

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [RQMC](#) [Drawn D](#)

2. Document ID: US 3649628 A

L7: Entry 2 of 2

File: USOC

Mar 14, 1972

US-PAT-NO: 3649628

DOCUMENT-IDENTIFIER: US 3649628 A

TITLE: PROCESS FOR PRODUCING SUBSTITUTED CYCLOHEXENE COMPOUNDS

DATE-ISSUED: March 14, 1972

INVENTOR-NAME: NOVACK ROBERT M

US-CL-CURRENT: 544/172; 546/239, 548/573, 548/578, 560/48

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| Terms | Documents |
|---|-----------|
| dimethylamino\$7 and pheny\$6 and propion\$8 and ethyl atropate | 2 |

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